

AMENDMENTS TO THE CLAIMS

Please amend Claims 1, 11, 12, and 18 as follows, without prejudice or disclaimer to continued examination on the merits:

1. (Currently Amended): A method of managing a telecommunications network device, comprising:

executing a command proxy on each of one or more network cards that comprise a processor located within the telecommunications network device;

registering at least one command executable by an application with one of a plurality of distributed command proxies associated with a common command interface and a central command daemon, said command proxy being local to the application;

executing a web server and a telnet server on the network card that comprises the central command daemon;

registering the command through the command proxy local to the application with a the central command daemon associated with said common command interface;

providing a user interface comprising a command line interface and a web interface;

receiving the command at the common command interface from either of said command line interface and said web interface;

forwarding the command to the application; and

completing execution of the command;

wherein said common command interface receives commands in a plurality of formats; and

wherein the common command interface allows the network device application to maintain one set of code for each command regardless of which command interface initiated the command.

2. (Canceled)

3. (Previously Presented): The method of claim 1, wherein receiving the command at the command interface from the user interface and forwarding the command to the application comprises:

receiving the command at one of the plurality of command proxies that is local to the user interface;

determining if the application that registered the received command is local to the command proxy that is local to the user interface;

if yes, then forwarding the received command to the application that registered the received command; and

if no, then forwarding the received command to the central command daemon.

4. (Original): The method of claim 3, further comprising:

forwarding the received command to the one of the plurality of command proxies that registered the received command; and

forwarding the received command to the application that registered the received command.

5. (Original): The method of claim 1, wherein the command interface is a central system and wherein registering at least one command executable by an application with a command interface comprises:

registering the command with a central command daemon.

6. (Original): The method of claim 1, wherein completing execution of the command comprises:

receiving the command through a command application programming interface (API) linked into the application; and

calling a call back routine within the application corresponding to the received command.

7. (Original): The method of claim 6, wherein completing execution of the command further comprises:

calling a display routine linked into the application to send any display data directly to the user interface.

8. (Original): The method of claim 1, wherein the user interface comprises: a web interface.

9. (Original): The method of claim 1, wherein the user interface comprises: a command language interface (CLI).

10. (Original): The method of claim 1, wherein the user interface comprises: a network/element management system interface.

11. (Currently Amended): A method of managing a telecommunications network device, comprising:

executing a command proxy on each of one or more network cards that comprise a processor located within the telecommunications network device;

registering at least one command executable by an application with a first command proxy, wherein the first command proxy is local to the application;

registering the command through the first command proxy with a central command daemon;

executing a web server and a telnet server on the network card that comprises the central command daemon;

providing a user interface comprising a command line interface and a web interface;

receiving the command at either of said command line interface and said web interface;

forwarding the command to a second command proxy, wherein the second command proxy is local to the user interface;

forwarding the command through the second command proxy to the central command daemon;

forwarding the command through the central command daemon to the first command proxy;

forwarding the command through the first command proxy to the application; and completing execution of the command;

wherein said first command proxy and said second command proxy receive commands in a plurality of formats; and

wherein the common command interface allows the network device application to maintain one set of code for each command regardless of which command interface initiated the command.

12. (Currently Amended): A method of managing a telecommunications network including a first network device and a second network device, comprising:

executing a command proxy on each of one or more network cards that comprise a processor located within each telecommunications network device;

executing a community command daemon on one of the first or second network devices;

executing a first application on the first network device;

executing a second application on the second network device;

registering a first command executable by the first application with a first command interface on the first network device;

registering a second command executable by the second application with a second command interface on the second network device; and

registering the first and second commands with the community command daemon; and

executing a web server and a telnet server on the network card that comprises the community command daemon;

wherein said command interfaces receive commands in a plurality of formats; and

wherein the common command interface allows the network device application to maintain one set of code for each command regardless of which command interface initiated the command.

13. (Original): The method of claim 12, further comprising:
receiving the first command at the community command daemon from a user interface;
forwarding the first command through the community command daemon to the first command interface;
forwarding the first command through the first command interface to the first application; and
completing execution of the first command.

14. (Original): The method of claim 12, further comprising:
receiving the second command at the community command daemon from a user interface;
forwarding the second command through the community command daemon to the second command interface;
forwarding the second command through the second command interface to the second application; and
completing execution of the second command.

15. (Original): The method of claim 13, wherein the user interface comprises:
a web interface.

16. (Original): The method of claim 13, wherein the user interface comprises:
a command language interface (CLI).

17. (Original): The method of claim 13, wherein the user interface comprises:
a network/element management system interface.

18. (Currently Amended): A telecommunications network device,
comprising:
an application executing a command; and

a common command interface comprising a distributed system having a central command daemon and a plurality of distributed command proxies, wherein the application registers the command with the common command interface and the common command interface receives the command from a user interface and forwards the received command to the application, and wherein said common command interface receives commands in a plurality of formats;

wherein a command proxy is executed on each of one or more network cards that comprise a processor located within the telecommunications network device;

wherein a web server and a telnet server are executed on the network card that comprises the central command daemon; and

wherein the common command interface allows the network device application to maintain one set of code for each command regardless of which command interface initiated the command.

19. (Canceled)

20. (Original): The telecommunications network device of claim 18, wherein the common command interface comprises a central system including:

a central command daemon.

21. (Original): The telecommunications network device of claim 18, wherein the application comprises:

a command application programming interface (API) for registering the command with the common command interface and for responding to the command forwarded by the common command interface.

22. (Original): The telecommunications network device of claim 21, wherein the command API comprises:

a registration routine for registering the command with the common command interface; and

a command handler for responding to the command forwarded by the common command interface.

23. (Original): The telecommunications network device of claim 22, wherein the application further comprises:

a call back routine, wherein the command handler calls the call back routine when the command handler receives the command forwarded by the common command interface.

24. (Original): The telecommunications network device of claim 21, wherein the application further comprises:

a display API for sending display data to the user interface when responding to the command forwarded by the common command interface.

25. (Original): The telecommunications network device of claim 18, wherein the user interface comprises:

a web interface.

26. (Original): The telecommunications network device of claim 18, wherein the user interface comprises:

a command language interface (CLI).

27. (Original): The telecommunications network device of claim 18, wherein the user interface comprises:

a network/element management system interface.

28-39. (Canceled)